

Converting Colors

$Y_{xy}(19.0968, 0.3905, 0.3987)$

Have a look what the booklet for
Yxy(19.0968, 0.3905, 0.3987)
contains.

Yxy(19.0968, 0.3905, 0.3987)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.0968, 0.3905, 0.3987)

Conversions

Conversions Part 1

Format	Color
Hex	8C764F
RGB	140, 118, 79
RGB Percent	55%, 46%, 31%
CMY	0.4510, 0.5372, 0.6902
CMYK	0.00, 0.16, 0.44, 0.45
HSL	38°, 28%, 43%
HSV	38°, 44%, 55%
XYZ	18.7040, 19.0968, 10.0968
YIQ	120.1320, 25.6310, -7.4650

Conversions

Conversions Part 2

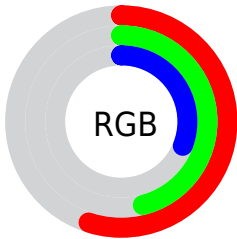
Format	Color
R_{YB}	113, 140, 79
Decimal	9205327
CIE _{Lab}	50.80, 2.90, 24.65
CIE _{LCh}	51, 24.817, 83.300
Yxy	19.0968, 0.3905, 0.3987
Android (android.graphics.Color)	4287395407 (0xFF8C764F)
YUV	120.1320, -20.2781, 17.4242
Hunter-Lab	43.6999, -0.0748, 16.8910

Details

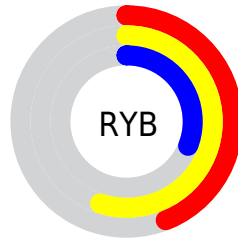
The Yxy color **19.0968, 0.3905, 0.3987** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.8601, 0.2420, 0.2469**, and the grayscale version is **18.8870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.9365, 0.3730, 0.3830**, and **6.5648, 0.4209, 0.4258** is the 20% darker color. If you saturate the color by 10%, you get **17.7578, 0.4116, 0.4137**, and if you desaturate by 10%, it is **20.5441, 0.3702, 0.3826**.

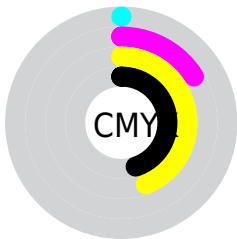
Distribution



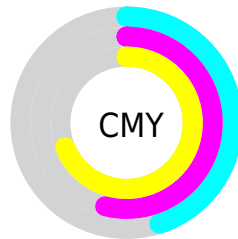
- Red (55%)
- Green (46%)
- Blue (31%)



- Red (44%)
- Yellow (55%)
- Blue (31%)



- Cyan (0%)
- Magenta (16%)
- Yellow (44%)
- Black (45%)





- Cyan (45%)
- Magenta (54%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0968, 0.3905, 0.3987 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 19.0968, 0.3905, 0.3987 by changing the saturation by 10% instead.


 19.0968, 0.3905,
0.3987


 19.0968, 0.3905,
0.3987


246.9826, 0.3463,
0.3597


 11.7402, 0.4034,
0.4097


 41.8976, 0.3731,
0.3835


 6.5671, 0.4209,
0.4243


 58.1106, 0.3669,
0.3781


 3.1929, 0.4462,
0.4446

 78.0446, 0.3619,
0.3737

 1.2332, 0.5059,
0.4941

 102.0840, 0.3577,
0.3700

 0.0886, 0.6361,
0.3639

 130.6130, 0.3542,
0.3668

 0.0000, 0.0000,
0.0000

164.0162, 0.3512,

0.3641

202.6780, 0.3486,
0.3618

■ 19.0968, 0.3905,
0.3987

■ 19.0968, 0.3905,
0.3987

■ 17.7578, 0.4116,
0.4137

■ 20.5441, 0.3702,
0.3826

■ 16.5207, 0.4329,
0.4266

■ 22.1006, 0.3512,
0.3662

■ 15.3825, 0.4535,
0.4365

■ 23.7702, 0.3338,
0.3500

■ 14.3385, 0.4724,
0.4422

■ 25.5561, 0.3180,
0.3344

■ 13.3837, 0.4886,
0.4431

■ 27.4612, 0.3038,
0.3196

■ 12.8080, 0.4985,
0.4424

■ 29.4883, 0.2910,
0.3059

■ 31.6401, 0.2797,
0.2931

■ 33.9190, 0.2697,
0.2814

■ 36.3276, 0.2607,
0.2706

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



19.0968, 0.4061, 0.3675



19.0968, 0.3905, 0.3987



19.0968, 0.3542, 0.4135

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



19.0968, 0.3905, 0.3987



19.0968, 0.2368, 0.3191



19.0968, 0.3116, 0.2683

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



19.0968, 0.3905, 0.3987



12.8601, 0.2420, 0.2469

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



19.0968, 0.2679, 0.2549



19.0968, 0.3905, 0.3987



19.0968, 0.2274, 0.2803

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



19.0968, 0.3905, 0.3987



19.0968, 0.2657, 0.3656



19.0968, 0.2383, 0.2584



19.0968, 0.3588, 0.2951

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



19.0968, 0.3905, 0.3987



19.0968, 0.3239, 0.4091



19.0968, 0.2383, 0.2584



19.0968, 0.2960, 0.2621

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



19.0977, 0.3905, 0.3987



42.0025, 0.3333, 0.3495



12.1133, 0.3805, 0.2885



9.5390, 0.3366, 0.3527



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.0977, 0.3905, 0.3987



31.4188, 0.4106, 0.4130



24.2131, 0.3655, 0.4363



5.5467, 0.3266, 0.3430



11.4197, 0.4980, 0.4428



0.1037, 0.4558, 0.4763

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



12.8601, 0.2420, 0.2469



18.9961, 0.2259, 0.2248



9.5175, 0.2439, 0.2024



5.1682, 0.2991, 0.3146



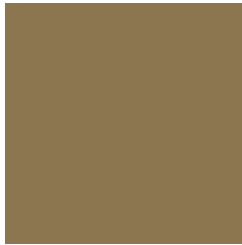
3.7799, 0.1666, 0.1199



0.0511, 0.1895, 0.2021

Previews

White Background



This preview shows how the Yxy color 19.0968, 0.3905, 0.3987 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 19.0968, 0.3905, 0.3987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

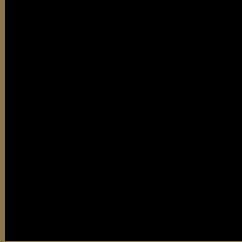
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 19.0968, 0.3905, 0.3987

Background



This preview shows how black text looks on a background with the Yxy color 19.0968, 0.3905, 0.3987.



This preview shows how white text looks on a background with the Yxy color 19.0968, 0.3905, 0.3987.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

19.0968, 0.3905, 0.3987

Protanopia

19.0792, 0.3749, 0.4054

Deuteranopia

19.0750, 0.3989, 0.3936



Tritanopia

19.1200, 0.3439, 0.3152

Trichromacy



Original Color

19.0968, 0.3905, 0.3987

Protanomaly

19.0805, 0.3797, 0.4025

Deuteranomaly

19.1267, 0.3954, 0.3959

Tritanomaly

19.1417, 0.3616, 0.3451

Monochromacy



Original Color

19.0968, 0.3905, 0.3987

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.7256, 0.3399, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0968, 0.3905, 0.3987 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(140, 118, 79)` looks like.

```
.text, #text, p{  
    color:rgb(140, 118, 79)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(140, 118, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 118, 79) }
```

Border

The CSS property to change the border of an element to Yxy 19.0968, 0.3905, 0.3987 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(140, 118, 79) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(140, 118, 79) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(140, 118, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 118, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 118, 79);  
box-shadow:4px 4px 4px 4px rgb(140, 118,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0968, 0.3905, 0.3987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 118, 79) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(140,  
118, 79) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor